



ELSEVIER

Mechanisms of Ageing and Development
110 (1999) 207

mechanisms of ageing
and development

Author index of volume 110

Antonaci, S. 110, 195	Kim, S.J. 110, 157	Reiter, R.J. 110, 157
Cabrera, J.C. 110, 157	Kögler, C. 110, 73	Rouvier-Garay, V. 110, 157
Chadan, S.G. 110, 109	Komura, J.-i. 110, 37	Ruiz-Torres, A. 110, 49
Choi, B.K. 110, 1	Koppen, G. 110, 13	
Choo, Y.G. 110, 1	Kowald, A. 110, 101	Spaccavento, F. 110, 195
Danam, R.P. 110, 87	Lewis, S.M. 110, 87	Tahara, H. 110, 175
Dawson, R., Jr. 110, 57	Li, W. 110, 137	Takatsu, M. 110, 37
Diel, I. 110, 73	Li, Y. 110, 137	Tan, D.-x. 110, 157
Djuric, Z. 110, 87	Lu, M.H. 110, 87	Tang, N. 110, 87
El-Sokkary, G. 110, 157	Macia, M. 110, 49	Toncelli, L.M. 110, 13
Eppler, B. 110, 57	Maeda, S. 110, 175	Tortorella, C. 110, 195
Erdmann, J. 110, 73	Ma, J.Y. 110, 1	Triest, L. 110, 13
Garcia, J.J. 110, 157	Manchester, L.C. 110, 157	Tsurugi, K. 110, 119
Gimeno, A. 110, 49	Martineau, L.C. 110, 109	Tsuyama, N. 110, 175
Hart, R.W. 110, 87	Melón, J. 110, 49	Uyeno, S. 110, 37
He, Z. 110, 137	Mendez, L. 110, 49	Verschaeve, L. 110, 13
Ide, T. 110, 175	Mitsui, K. 110, 119	Watanabe, M. 110, 37
Ishii, Y. 110, 175	Motizuki, M. 110, 119	Wheeler, K.T. 110, 25
Jirillo, E. 110, 195	Muñoz, F.J. 110, 49	Xu, Z. 110, 119
Joo, H.J. 110, 1	Ono, T. 110, 37	Yaguchi, S.-I. 110, 119
Jung, K.Y. 110, 1	Parkhouse, W.S. 110, 109	Yanoff, M. 110, 137
Kalandarishvili, F. 110, 25	Pfeilschifter, J. 110, 73	Ziegler, R. 110, 73
	Piazzolla, G. 110, 195	
	Qi, W. 110, 157	





Subject index of volume 110

Age; Cell suspension; Cerebral cortex; Intracellular ATP content; In vitro; Mice **110**, 1

Aged Fisher 344 rats; DNA damage; DNA repair; Pre- and posthepatectomized rat liver; DNA damage hypothesis of aging; Ionizing radiation **110**, 25

Age; Dietary fat; Malondialdehyde; Lipid peroxidation; Cerebellum; Kidney; Liver **110**, 87

Age; Human life potential; Primary culture; Proliferation rate; Vascular smooth muscle cells **110**, 49

Ageing; Comet assay; *Nicotiana tabacum*; Nuclear DNA integrity; SCGE assay; *Vicia faba* **110**, 13

Aging; Cysteine dioxygenase; Cysteine sulfinate decarboxylase; Taurine **110**, 57

Aging; Periodontal ligament; Collagen $\alpha 1(I)$; mRNA; DNA methylation **110**, 37

Aging; Pinealectomy; Melatonin; 8-Hydroxydeoxyguanosine; Lipid peroxidation; Protein carbonyls; Membrane fluidity **110**, 157

Apoptosis; Neutrophils; Oxidative metabolism; Superoxide dismutase; Catalase; Cyclic AMP **110**, 195

ARS element; Autophagic death; Budding yeast; Lifespan; Nibbled colony; 2μ plasmid **110**, 119

Autophagic death; ARS element; Budding yeast; Lifespan; Nibbled colony; 2μ plasmid **110**, 119

Budding yeast; ARS element; Autophagic death; Lifespan; Nibbled colony; 2μ plasmid **110**, 119

Catalase; Neutrophils; Apoptosis; Oxidative metabolism; Superoxide dismutase; Cyclic AMP **110**, 195

Cell fusion; Telomerase; Telomerase-negative immortal cells; Complementation group **110**, 175

Cell suspension; Age; Cerebral cortex; Intracellular ATP content; In vitro; Mice **110**, 1

Cellular senescence; RPE; Near-ultraviolet **110**, 137

Cerebellum; Dietary fat; Malondialdehyde; Lipid peroxidation; Kidney; Liver; Age **110**, 87

Cerebral cortex; Age; Cell suspension; Intracellular ATP content; In vitro; Mice **110**, 1

Collagen $\alpha 1(I)$; Aging; Periodontal ligament; mRNA; DNA methylation **110**, 37

Colony formation; Osteoporosis; Osteoprogenitor cells; Transforming growth factor beta **110**, 73

Comet assay; Ageing; *Nicotiana tabacum*; Nuclear DNA integrity; SCGE assay; *Vicia faba* **110**, 13

Complementation group; Telomerase; Telomerase-negative immortal cells; Cell fusion **110**, 175

Cyclic AMP; Neutrophils; Apoptosis; Oxidative metabolism; Superoxide dismutase; Catalase **110**, 195

Cysteine dioxygenase; Aging; Cysteine sulfinate decarboxylase; Taurine **110**, 57

Cysteine sulfinate decarboxylase; Aging; Cysteine dioxygenase; Taurine **110**, 57

Dietary fat; Malondialdehyde; Lipid peroxidation; Cerebellum; Kidney; Liver; Age **110**, 87

DNA damage; DNA repair; Pre- and posthepatectomized rat liver; DNA damage hypothesis of aging; Ionizing radiation; Aged Fisher 344 rats **110**, 25

DNA damage hypothesis of aging; DNA damage; DNA repair; Pre- and posthepatectomized rat liver; Ionizing radiation; Aged Fisher 344 rats **110**, 25

DNA methylation; Aging; Periodontal ligament; Collagen α 1(I); mRNA **110**, 37

DNA repair; DNA damage; Pre- and posthepatectomized rat liver; DNA damage hypothesis of aging; Ionizing radiation; Aged Fisher 344 rats **110**, 25

Exercise; Heart; glut-1; glut-4; Glucose transporters **110**, 109

Glucose transporters; Heart; glut-1; glut-4; Exercise **110**, 109

glut-4; Heart; glut-1; Glucose transporters; Exercise **110**, 109

glut-1; Heart; glut-4; Glucose transporters; Exercise **110**, 109

Heart; glut-1; glut-4; Glucose transporters; Exercise **110**, 109

Human life potential; Age; Primary culture; Proliferation rate; Vascular smooth muscle cells **110**, 49

8-Hydroxydeoxyguanosine; Aging; Pinealectomy; Melatonin; Lipid peroxidation; Protein carbonyls; Membrane fluidity **110**, 157

Intracellular ATP content; Age; Cell suspension; Cerebral cortex; In vitro; Mice **110**, 1

In vitro; Age; Cell suspension; Cerebral cortex; Intracellular ATP content; Mice **110**, 1

Ionizing radiation; DNA damage; DNA repair; Pre- and posthepatectomized rat liver; DNA damage hypothesis of aging; Aged Fisher 344 rats **110**, 25

Kidney; Dietary fat; Malondialdehyde; Lipid peroxidation; Cerebellum; Liver; Age **110**, 87

Lifespan; ARS element; Autophagic death; Budding yeast; Nibbled colony; 2μ plasmid **110**, 119

Lipid peroxidation; Aging; Pinealectomy; Melatonin; 8-Hydroxydeoxyguanosine; Protein carbonyls; Membrane fluidity **110**, 157

Lipid peroxidation; Dietary fat; Malondialdehyde; Cerebellum; Kidney; Liver; Age **110**, 87

Liver; Dietary fat; Malondialdehyde; Lipid peroxidation; Cerebellum; Kidney; Age **110**, 87

Malondialdehyde; Dietary fat; Lipid peroxidation; Cerebellum; Kidney; Liver; Age **110**, 87

Melatonin; Aging; Pinealectomy; 8-Hydroxydeoxyguanosine; Lipid peroxidation; Protein carbonyls; Membrane fluidity **110**, 157

Membrane fluidity; Aging; Pinealectomy; Melatonin; 8-Hydroxydeoxyguanosine; Lipid peroxidation; Protein carbonyls **110**, 157

Mice; Age; Cell suspension; Cerebral cortex; Intracellular ATP content; In vitro **110**, 1

mRNA; Aging; Periodontal ligament; Collagen α 1(I); DNA methylation **110**, 37

Near-ultraviolet; RPE; Cellular senescence **110**, 137

Neutrophils; Apoptosis; Oxidative metabolism; Superoxide dismutase; Catalase; Cyclic AMP **110**, 195

Nibbled colony; ARS element; Autophagic death; Budding yeast; Lifespan; 2μ plasmid **110**, 119

Nicotiana tabacum; Ageing; Comet assay; Nuclear DNA integrity; SCGE assay; *Vicia faba* **110**, 13

Nuclear DNA integrity; Ageing; Comet assay; *Nicotiana tabacum*; SCGE assay; *Vicia faba* **110**, 13

Osteoporosis; Colony formation; Osteoprogenitor cells; Transforming growth factor beta **110**, 73

Osteoprogenitor cells; Colony formation; Osteoporosis; Transforming growth factor beta **110**, 73

Oxidative metabolism; Neutrophils; Apoptosis; Superoxide dismutase; Catalase; Cyclic AMP **110**, 195

Periodontal ligament; Aging; Collagen α 1(I); mRNA; DNA methylation **110**, 37

Pinealectomy; Aging; Melatonin; 8-Hydroxydeoxyguanosine; Lipid peroxidation; Protein carbonyls; Membrane fluidity **110**, 157

2 μ plasmid; ARS element; Autophagic death; Budding yeast; Lifespan; Nibbled colony **110**, 119

Pre- and posthepatectomized rat liver; DNA damage; DNA repair; DNA damage hypothesis of aging; Ionizing radiation; Aged Fisher 344 rats **110**, 25

Primary culture; Age; Human life potential; Proliferation rate; Vascular smooth muscle cells **110**, 49

Proliferation rate; Age; Human life potential; Primary culture; Vascular smooth muscle cells **110**, 49

Protein carbonyls; Aging; Pinealectomy; Melatonin; 8-Hydroxydeoxyguanosine; Lipid peroxidation; Membrane fluidity **110**, 157

RPE; Near-ultraviolet; Cellular senescence **110**, 137

SCGE assay; Ageing; Comet assay; *Nicotiana tabacum*; Nuclear DNA integrity; *Vicia faba* **110**, 13

Superoxide dismutase; Neutrophils; Apoptosis; Oxidative metabolism; Catalase; Cyclic AMP **110**, 195

Taurine; Aging; Cysteine dioxygenase; Cysteine sulfinate decarboxylase **110**, 57

Telomerase-negative immortal cells; Telomerase; Cell fusion; Complementation group **110**, 175

Telomerase; Telomerase-negative immortal cells; Cell fusion; Complementation group **110**, 175

Transforming growth factor beta; Colony formation; Osteoporosis; Osteoprogenitor cells **110**, 73

Vascular smooth muscle cells; Age; Human life potential; Primary culture; Proliferation rate **110**, 49

Vicia faba; Ageing; Comet assay; *Nicotiana tabacum*; Nuclear DNA integrity; SCGE assay **110**, 13

